

- ④ Drafts
- ④ Pending
- ④ Active
 - ✎ L1: (1053) (polypropylene adj glycol) same additive
 - ✎ L2: (930) aqueous adj polyurethane adj dispersion
 - ✎ L3: (27514) polydimethylsiloxane
 - ✎ L4: (42) L2 and L3
 - ✎ L5: (1) L4 and L1
 - ✎ L6: (29935) polyglycol
 - ✎ L7: (141) L1 and L6
 - ✎ L8: (73) (polypropylene adj glycol) near3 additive
 - ✎ L9: (0) L2 and L8
 - ✎ L10: (3) L2 and L1
- ④ Failed
- ④ Saved
 - ✎ S2: (930) aqueous adj polyurethane adj dispersion
 - ✎ S3: (27514) polydimethylsiloxane
 - ✎ S4: (42) S2 and S3
- ④ Favorites
- ④ Tagged (0)
- ④ UDC
- ④ Queue
- ④ Trash

(107) Each of Coatings A through G were formulated in two related formulations, a base coat (A-1 through G-1) and a respective pearl overcoat (A-2 through G-2) for performance testing.

(36) COATING EXAMPLE A-1 (COMPARATIVE)

(37) For comparison purposes, a pigmented base coat composition was made as follows, using a commercially available aqueous acrylic resin (RHOPLEX.RTM. WL-96) instead of the polyurethane/acrylic dispersion of the present invention.

(3) Ingredients Parts by Weight
RHOIFLEX .RTM. WL-96.sup.1 192.44
BENTONE .RTM. EW.sup.2 (1.9% by wt. aqueous dispersion) 25.44 Butyl
CELLOSOLVE .RTM..sup.3 4.74 Polypropylene glycol 4.74 Butyl benzylphthalate
9.49 NOPCO DSR .RTM. 1550.sup.5 (10% by wt. aqueous solution) 13.98 SURFYNOL
.RTM. 104DPM.sup.6 2.20 Waterborne acrylic black tint.sup.7 7.60 Waterborne
acrylic blue tint.sup.8 76.87
Aqueous acrylic emulsion from Rohm and Haas Company, Philadelphia,
Pennsylvania. .sup.2 Organo clay rheological additive from Rheo, Inc.,
Hightstown, New Jersey. .sup.3 Ethylene glycol monobutyl ether solvent from
Union Carbide Chemicals and Plastics Company, Inc., Danbury, Connecticut.
.sup.4 Molecular weight approximately 425, from Arco Chemicals. .sup.5
Urethane associative thickener from Hankel Corporation, Kankakee, Illinois.
.sup.6 Surfactant from Air Products and Chemicals, Inc., Allentown,
Pennsylvania. .sup.7 A dispersion of carbon black pigment in an aqueous
acrylic vehicle .sup.8 A dispersion of phthalic blue pigment in an aqueous

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	U	AI	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	P		3
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20050107564 A1	20050519	15	Aqueous polyurethane dispersion and method for	528/44			Klingenberg, Eric Howard et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6087444 A	20000711	10	Humidity resistant aqueous urethane resins based on	525/123	523/404; 523/406;		Swarup; Shanti et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5607665 A	19970304	4	Nail enamel compositions containing silicone glycol	424/61	106/3		Calello; Joseph F. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>